**Lesson 4 Classifying Arthropods using a Dichotomous Key**

Yesterday, the class learned about characteristics in which to sort arthropods. They are antennae, mouthparts, number of body segments, appendages (legs), and wings.

A. With your partner, choose 2 of the provided arthropod specimens. Identify each specimen’s characteristics.

B. Identify the first specimen using its characteristics and the Arthropod ID Chart.

C. Identify the second specimen using its characteristics and the Arthropod ID Chart.

D. Now compare and contrast your 2 specimens. What are the similarities? What are the differences? Use a Venn diagram to help you.

E. If done early, choose 2 different specimens and repeat steps A – D.